

SPECIFICATION AMENDMENTS

Please amend the paragraph on page 3, lines 5-8 as follows:

The object is achieved by an information transmission system having the features of claim 11 ~~[[1]]~~, by a transmitter having the features of claim 19 ~~[[8]]~~ and by a receiver having the features of claim 20 ~~[[9]]~~.

Please amend the paragraph starting on page 11, line 27 and ending on page 12, line 4 as follows:

Figure 3 show an exemplary embodiment (example application) of an information transmission system for the application in a tire pressure measuring system of a motor vehicle. A transmission Tx₁ to Tx₂ ~~Tx₅~~, respectively is located in each tire 12 of the vehicle (the spare tire can also be fitted with a transmitter Tx₂ ~~Tx₅~~). The tires are connected to the bodywork 15 of the motor vehicle via the electrically conducting wheel rims 13 and the wheel axle 14. When rims 13, wheel axles 14 and bodywork 15 are electrically conducting and constitute the infrastructure body 3 with its conductor element 6.